

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Minoru MIYAZAKI et al.

Serial No. 10/620,420

Filed: July 17, 2003

For: ELECTRONIC CIRCUIT

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Examiner: Calvin Lee

Group Art Unit: 2825



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
220 20th Street S.
Customer Window, Mail Stop RCE
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

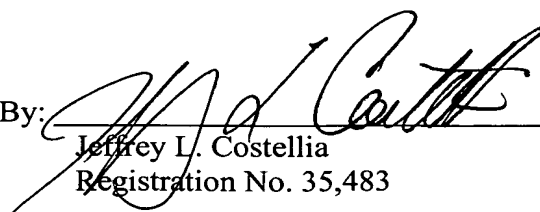
In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Applicants wish to bring to the Examiner's attention that Abstract of JP 02-132833 was previously cited in the Information Disclosure Statement submitted on May 17, 2004. In addition, applicants also wish to note that U.S. Patent No. 5,585,949 is in the same family as JP 04-295826.

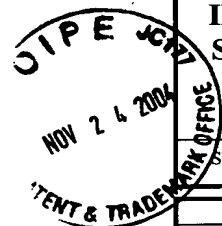
It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: 
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/620,420
				Filing Date	July 17, 2003
				First Named Inventor	Minoru MIYAZAKI et al.
				Art Unit	2825
				Examiner Name	Calvin Lee
Sheet	1	of	1	Attorney Docket Number	740756-2624

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,907,040	03/06/1990	Kobayashi et al.	
		US-5,055,899	10/08/1991	Wakai et al.	
		US-5,187,604	02/16/1993	Taniguchi et al.	
		US-5,493,129	02/20/1996	Matsuzaki et al.	
		US-5,585,949	12/17/1996	Yamazaki et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 02-132833	05/22/1990	Kawaguchi et al.		FULL
		JP 04-295826	10/20/1992	Yamazaki et al.		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.